

DECLARATION FOR PATENT APPLICATION

As a below named inventor I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR USING CRC FOR DATA INTEGRITY IN ON-CHIP MEMORY .

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (see page 3 attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such applications have been filed.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Serial Number 60/065,920 filed November 17, 1997

U.S. Provisional Application Serial Number 60/065,926 filed November 17, 1997

U.S. Provisional Application Serial Number 60/065,919 filed November 17, 1997

U.S. Provisional Application Serial Number 60/067,211 filed December 1, 1997

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application.

No such applications have been filed.

60/065,920

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of sole inventor : Judy Lynn Westby
Citizenship: United States of America Residence: Bloomington, MN
Post Office Address: 7906 W. 111th Street
Bloomington, MN 55438

Signature: Judy Lynn Westby
Judy Lynn Westby

Date: 11/17/98

Full Name of inventor:
Citizenship:
Post Office Address:

Residence:

Signature: _____

Date: _____

Full Name of inventor:
Citizenship:
Post Office Address:

Residence:

Signature: _____

Date: _____

Full Name of inventor:
Citizenship:
Post Office Address:

Residence:

Signature: _____

Date: _____

$$\begin{array}{ccccccc} \{f^{(0)}_{\text{imp}}\} & \{f^{(1)}_{\text{imp}}\} & \{f^{(2)}_{\text{imp}}\} & \{f^{(3)}_{\text{imp}}\} & \{f^{(4)}_{\text{imp}}\} & \{f^{(5)}_{\text{imp}}\} & \{f^{(6)}_{\text{imp}}\} \\ \{f^{(0)}_{\text{ref}}\} & \{f^{(1)}_{\text{ref}}\} & \{f^{(2)}_{\text{ref}}\} & \{f^{(3)}_{\text{ref}}\} & \{f^{(4)}_{\text{ref}}\} & \{f^{(5)}_{\text{ref}}\} & \{f^{(6)}_{\text{ref}}\} \\ \{f^{(0)}_{\text{mod}}\} & \{f^{(1)}_{\text{mod}}\} & \{f^{(2)}_{\text{mod}}\} & \{f^{(3)}_{\text{mod}}\} & \{f^{(4)}_{\text{mod}}\} & \{f^{(5)}_{\text{mod}}\} & \{f^{(6)}_{\text{mod}}\} \\ \{f^{(0)}_{\text{test}}\} & \{f^{(1)}_{\text{test}}\} & \{f^{(2)}_{\text{test}}\} & \{f^{(3)}_{\text{test}}\} & \{f^{(4)}_{\text{test}}\} & \{f^{(5)}_{\text{test}}\} & \{f^{(6)}_{\text{test}}\} \\ \{f^{(0)}_{\text{val}}\} & \{f^{(1)}_{\text{val}}\} & \{f^{(2)}_{\text{val}}\} & \{f^{(3)}_{\text{val}}\} & \{f^{(4)}_{\text{val}}\} & \{f^{(5)}_{\text{val}}\} & \{f^{(6)}_{\text{val}}\} \end{array}$$

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

- (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) it refutes, or is inconsistent with, a position the applicant takes in:
 - (i) opposing an argument of unpatentability relied on by the Office, or
 - (ii) asserting an argument of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

S/N UnknownPATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Judy Lynn Westhy
 Serial No.: Unknown
 Filed: Herewith
 Title: METHOD AND APPARATUS FOR USING CRC FOR DATA INTEGRITY IN ON-CHIP MEMORY

Examiner: Unknown
 Group Art Unit: Unknown
 Docket: 934.007US1

POWER OF ATTORNEY BY ASSIGNEE AND
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)

Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

Seagate Technology, Inc., assignee of the entire right, title and interest in the above-identified application by assignment attached hereto, hereby appoints the attorneys and agents of the firm of SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., listed as follows:

Anglin, J. Michael	Reg. No. 24,916	Forrest, Bradley A.	Reg. No. 30,837	Lundberg, Steven W.	Reg. No. 30,568
Arora, Sunee	Reg. No. 42,267	Hale, Jeffrey D.	Reg. No. 40,012	Mates, Robert E.	Reg. No. 35,271
Bianchi, Timothy E.	Reg. No. 39,610	Harris, Robert J.	Reg. No. 37,346	McCrackin, Ann M.	Reg. No. 42,858
Billion, Richard E.	Reg. No. 32,836	Holloway, Sheryl S.	Reg. No. 37,850	Padya, Danny J.	Reg. No. 35,635
Black, David W.	Reg. No. 42,331	Huebsch, Joseph C.	Reg. No. 42,673	Polglaze, Daniel J.	Reg. No. 39,801
Brennan, Thomas F.	Reg. No. 35,075	Kalis, Janal M.	Reg. No. 37,650	Schwegman, Michael L.	Reg. No. 25,816
Brooks, Edward J., III	Reg. No. 40,925	Klima-Silberg, Catherine I.	Reg. No. 40,052	Sieffert, Kent J.	Reg. No. 41,312
Clark, Barbara J.	Reg. No. 38,107	Kluth, Daniel J.	Reg. No. 32,146	Slifer, Russell D.	Reg. No. 39,838
Drake, Eduardo E.	Reg. No. 40,594	Lacy, Rodney L.	Reg. No. 41,136	Terry, Kathleen R.	Reg. No. 31,884
Dryja, Michael A.	Reg. No. 39,662	Leffert, Thomas W.	Reg. No. 40,697	Viksnins, Ann S.	Reg. No. 37,748
Embreyson, Janet E.	Reg. No. 39,665	Lemaire, Charles A.	Reg. No. 36,198	Woessner, Warren D.	Reg. No. 30,440
Fogg, David N.	Reg. No. 35,138	Litman, Mark A.	Reg. No. 26,390		

and also attorneys Edward P. Heller, III (Reg. No. 29,075), Shawn B. Dempster (Reg. No. 34,321), and Raghunath S. Minisandram (Reg. No. 38,683) of Seagate Technology, Inc., as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

The assignee certifies that the above identified assignment has been reviewed and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Schwegman, Lundberg, Woessner & Kluth, P.A.
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 Minneapolis, MN 55402

Telephone: (612) 373-6977
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Dated: 17 Nov 1998

SEAGATE TECHNOLOGY, INC.

By: Thomas F. MulvaneyName: Thomas F. MulvaneyTitle: Senior Vice President and General Counsel